

## REMARKS

Due to errors found in the previously submitted Sequence Listing, Applicant submits herewith a substitute paper copy of the Sequence Listing, pages 1-38, and a computer readable form (CRF) copy of the Sequence Listing, in compliance with 37 C.F.R. §1.821(c), and §1.825(a) and (b). The substitute sheets of the Sequence Listing and the CRF copy submitted herewith, in accordance with 37 C.F.R. §1.825(a) and (b), respectively, are the same and contain no new matter. Accordingly, entry of the substitute Sequence Listing into the above-captioned case is respectfully requested.

The specification has been amended to include sequence identification numbers omitted at the time of filing. No new matter has been added.

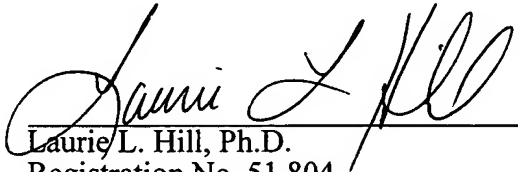
## CONCLUSION

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 140942000900 However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

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